

Fig. 1: DPPH free radical scavenging potential of successive extracts of the bark of *Terminalia arjuna*

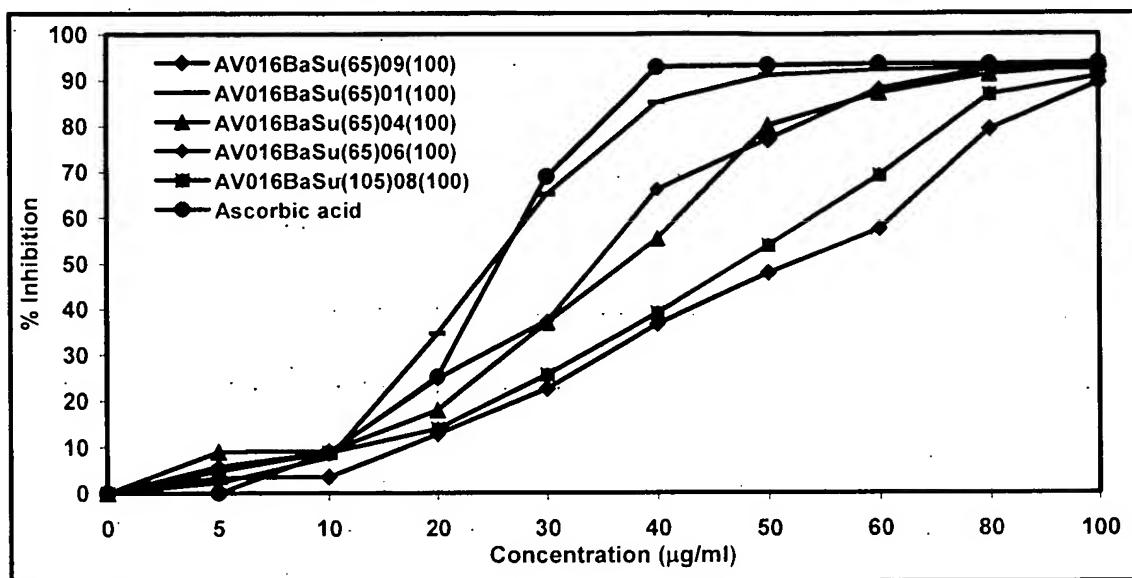


Fig. 2: DPPH free radical scavenging potential of successive extract of *Terminalia arjuna* bark with acetone solvent. [AV016BaSu(65)01(100)g and AV016BaSu(65)01(100)ng].

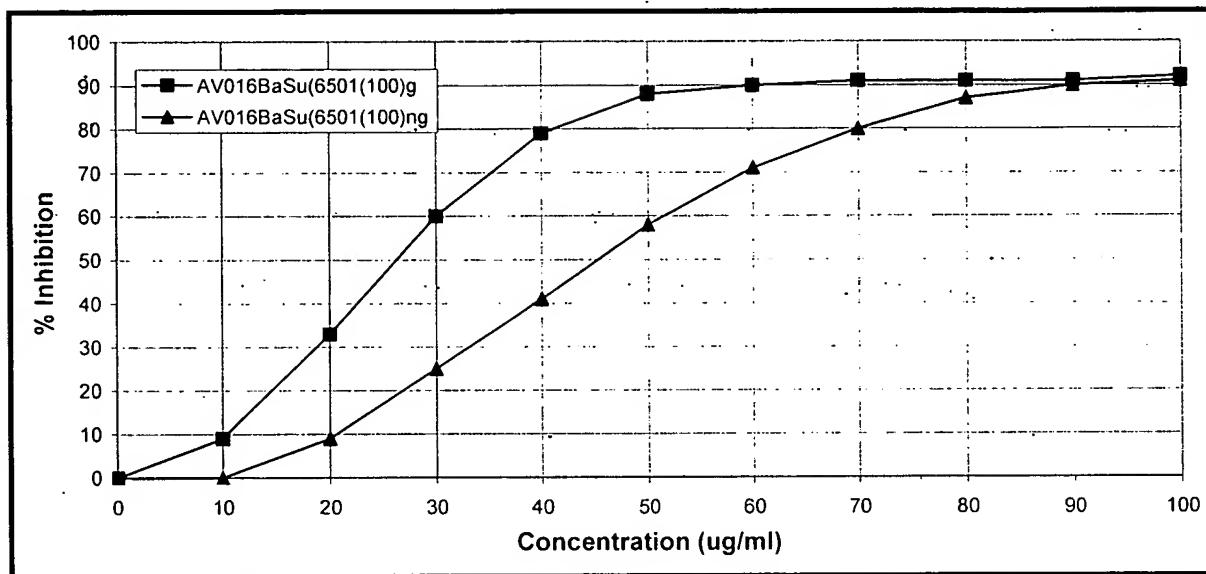


Fig. 3: DPPH free radical scavenging potential of fruit extracts of *Terminalia arjuna* with direct ethanol [AV016FrDi(65)04(100)] and successive water [AV016FrSu(105)08(100)] as solvents .

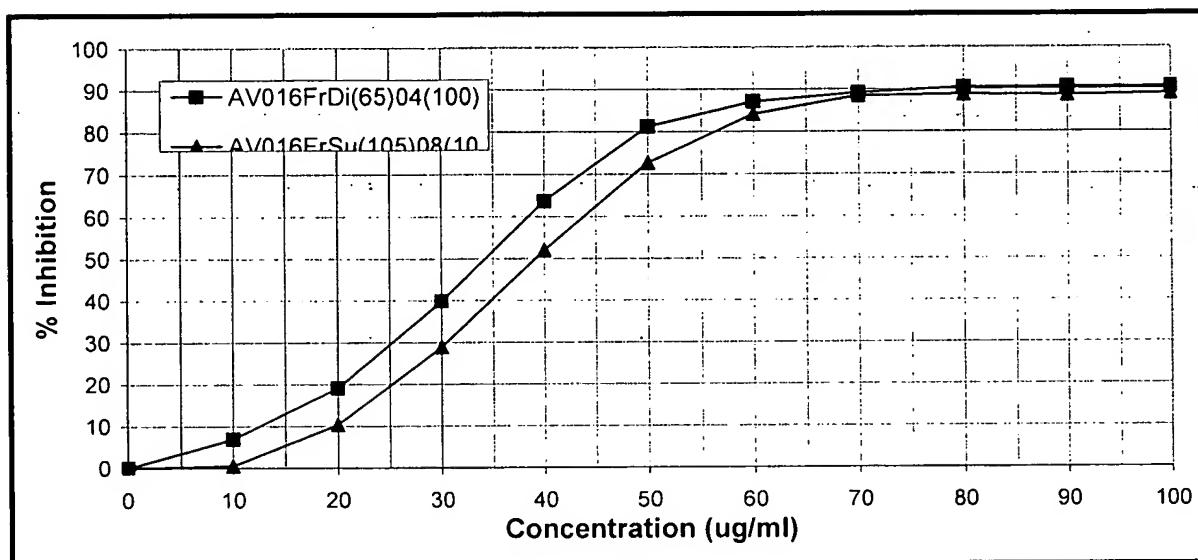


Fig. 4: DPPH free radical scavenging potential of direct extract of *Terminalia arjuna* bark with 100% ethanol solvent. [AV016BaDi(65)04(100)]

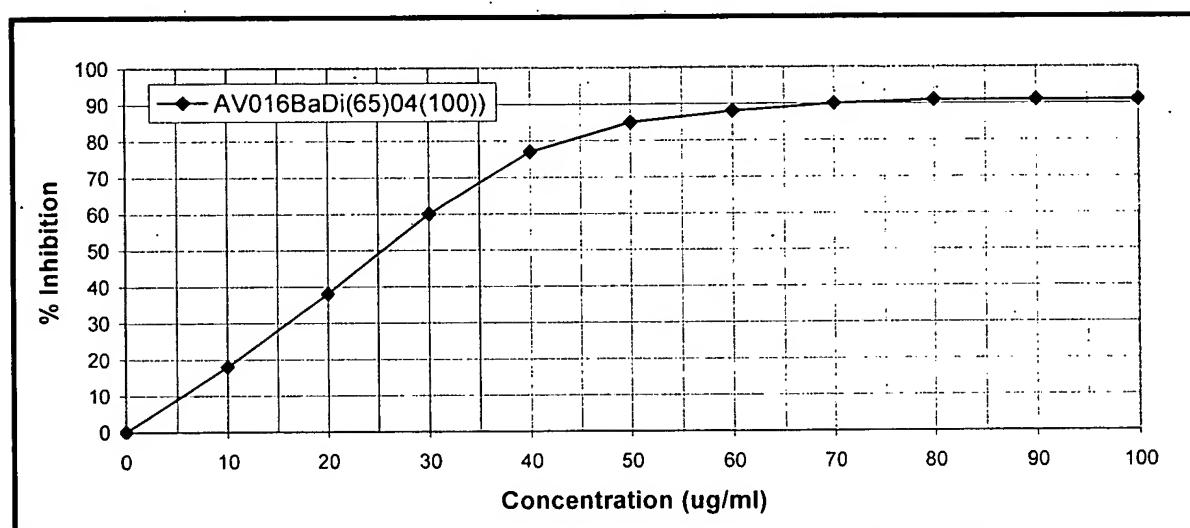
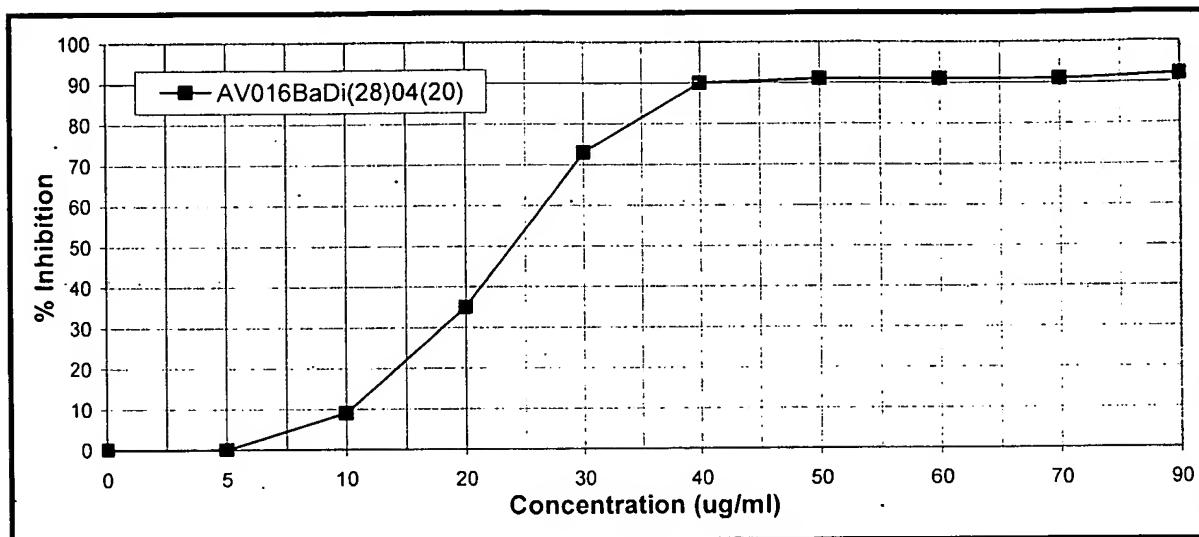


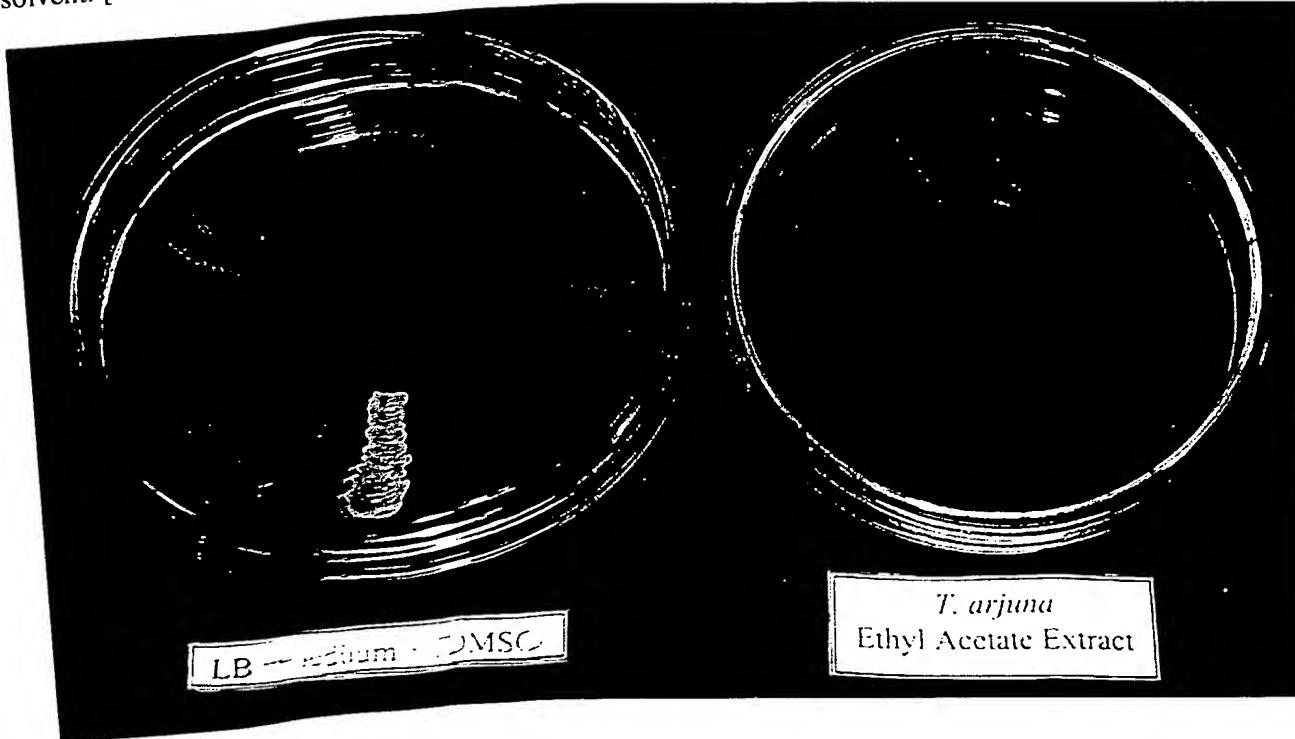
Fig. 5: DPPH free radical scavenging potential of direct extract of *Terminalia arjuna* bark direct with 20% ethanol solvent. [AV016BaDi(28)04(20)]



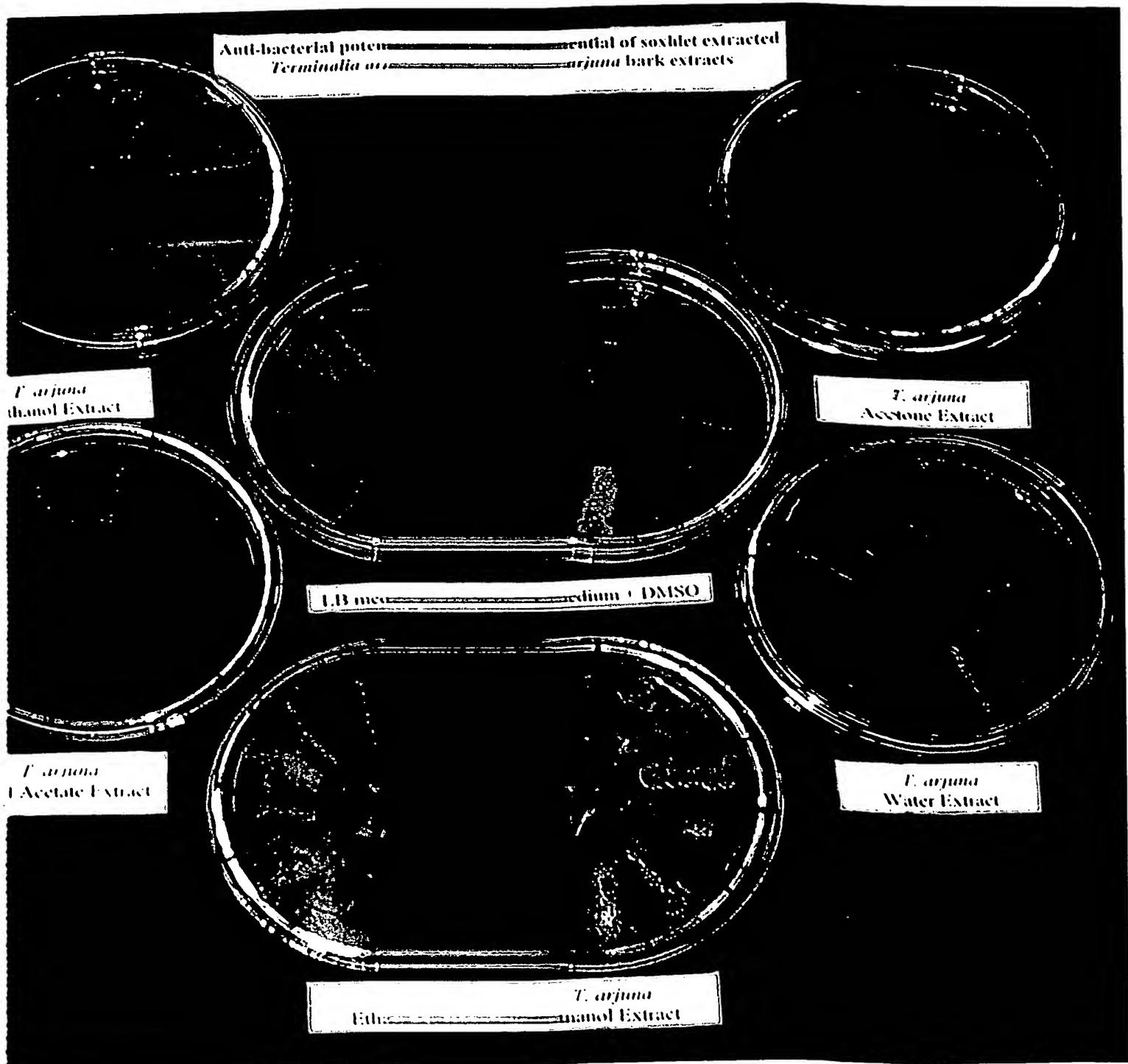
Inventor: PATELL ET AL.
Docket No.: 20049.2USWO
Title: BIOTHERAPEUTICS FOR MITIGATION OF HEALTH DISORDERS FROM
TERMINALIA ARJUNA
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Fig 6: Antibacterial activity of successive extract of *Terminalia arjuna* bark with ethyl acetate solvent. [AV016BaSm 09/00].



bacterial activity of successive extracts of *Terminalia arjuna* bark with acetone [AV016BaSu(65)04(100)], Methanol [AV016BaSu(65)09(100)], and Water [AV016BaSu(65)08(100)] as solvents.



RETELL ET AL.
20049.2USWO
THERAPEUTICS FOR MITIGATION OF HEALTH DISORDERS FROM
LIA ARJUNA
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Serial No.: 2455.3804

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Fig 8: Growth of the bacterial strains in LB, LB with DMSO and LB with ciprofloxacin.

